	DAT	TA MATRIX			1	
Date 01/10/2013			EPA Reg. No./File Symbol 64744-E		Page 1 of 11	
Applicant/Registrant Name & Addre	SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
ngredient Copper Hydroxide						
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note	
Group A - Product Ide	ntity, Composition and Analysis Test Guidelines					
830.1550	Product Identity and Composition	48873101	SPIESS-URANIA CHEMICALS GMBH	OWN		
830.1600	Description of Materials Used to Produce the Product	48873101	SPIESS-URANIA CHEMICALS GMBH	OWN		
830.1620	Description of Production Process	48873101	SPIESS-URANIA CHEMICALS GMBH	OWN		
830.1670	Description of Formation of Impurities	48873101	SPIESS-URANIA CHEMICALS GMBH	OWN		
830.1700	Preliminary Analysis	48873102	SPIESS-URANIA CHEMICALS GMBH	. OWN		
830.1750	Certified Limits	48873101	SPIESS-URANIA CHEMICALS GMBH	OWN		
830.1800	Enforcement Analytical Method	48873101 48873102	SPIESS-URANIA CHEMICALS GMBH	OWN		
Signature Lean	m. Sallow of and Paper versions available. Submit only Paper version.		Name and Title Peggy M. Galloway, Regulatory Agent		Date 01/10/2013	

	. OAI)	MATRIX			1
Date 01/10/2013			EPA Reg. No./File Symbol 64744-E		Page 2 of 11
Applicant/Registrant Name & Addre	SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu		
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
Group B - Physical/Chemical Pro	perties Test Guidelines				/
830.6302	Color	43363805	Copper Sulfate Task Force	OWN	
830.6303	Physical State	43363805	Copper Sulfate Task Force	OWN	
830.6304	Odor	43363805	Copper Sulfate Task Force	OWN	
830.6313	Stability to Sunlight, Normal and Elevated Temperatures, Metals and Metal Ions	47644901	Phibro Tech, Inc.	PER	
830.6314	Oxidizing or Reducing Action	47524201	Phibro Tech, Inc.	PER	
830.6315	Flammability	N/A	N/A	N/A	This study is required on the EUP this product is a TGAL.
830.6316	Explodability	N/A	N/A	N/A	This study is required on the EUP this product is a TGAI.
830.6317	Storage Stability	47726401	Phibro Tech, Inc.	PER	
830.6319	Miscibility	N/A	N/A	N/A	This study is required on the EUP this product is a TGAI.
Signature (	me paper versions available. Submit only Paper version.		Name and Title Peggy M. Galloway, Regulatory Agent		Date 01/10/2013

Agency Internal Use Copy

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information management Division (2137), U. S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

#### DATA MATRIX Date 01/10/2013 Page 3 of 11 EPA Reg. No./File Symbol 64744-E Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH Product ALSTER TERRALSSE 2, D-2000 FUNGURAN TEC 62% Cu HAMBURG 36 GERMANY Ingredient Copper Hydroxide Guideline Reference # Guideline Study Name MRID# Submitter Status Note Group B - Physical/Chemical Properties Test Guidelines (Continued) PER Corrosion Characteristics 47726401 Phibro Tech. Inc. 830.6320 This study is required on the Dielectric Breakdown Voltage N/A N/A N/A 830.6321 **EUP** this product is a TGAL pH of Water Solutions or Suspensions 43363805 Copper Sulfate Task Force OWN 830,7000 47521702 UV/Visible Absorption Phibro Tech, Inc. PER 830.7050 47465001 OWN **UV**/Visible Absorption 43363805 Copper Sulfate Task Force 830.7050 This study is required on the 830,7100 Viscosity N/A N/A N/A EUP this product is a TGAL Melting Point/Melting Range 43363805 Copper Sulfate Task Force OWN 830.7200 Signature Date Name and Title 01/10/2013 Peggy M. Galloway, Regulatory Agent EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only paper version.

Agency Internal Use Copy

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information management Division (2137), U. S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

#### DATA MATRIX Date 01/10/2013 EPA Reg. No./File Symbol 64744-E Page 4 of 11 Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH Product ALSTER TERRALSSE 2, D-2000 FUNGURAN TEC 62% Cu HAMBURG 36 GERMANY Ingredient Copper Hydroxide Guideline Reference # Guideline Study Name Note MRID # Submitter Status Group B - Physical/Chemical Properties Test Guidelines (Continued) This study is 830.7220 required on Boiling Point/Boiling Range N/A N/A N/A liquids this product is a solid. Density/Relative Density 43363805 Copper Sulfate Task Force OWN 830,7300 This study is not 830.7370 Dissociation Constant in Water N/A N/A N/A applicable to this product. This study is not Partition Coefficient (n-octanol/water), Shake Flask 830.7550 N/A N/A N/A applicable to this Method product. This study is not Partition Coefficient (n-octanol/water), Estimation by 830.7570 N/A N/A applicable to this N/A Liquid Chromatography product. Water Solubility: Column Elution Method, Shake Flask Copper Sulfate Task Force OWN 43363805 830.7840 Method Water Solubility: Generator Column Method 43363805 Copper Sulfate Task Force OWN 830,7860 This study is not 830.7950 applicable to this Vapor Pressure N/A N/A N/A product. Signature Name and Title Date Peggy M. Galloway, Regulatory Agent 01/10/2013

EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Pate 01/10/2013			EPA Reg. No./File Symbol 647	744.F	Page 5 of 11	
Applicant/Registrant Name & Add	oplicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
ngredient Copper Hydroxide						
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note	
Group	A - Aquatic Fauna Test Guidelines					
850.1010	Submission of Environmental Fate Data in Support for Reregistration of Pesticide Products Containing Copper Sulfate.	41189000	Copper Sulfate Task Force	OWN		
850.1010	An Aquatic Sediment Dissipation Study of Copper Sulfate in the Hillborough Reservoir, Florida [Wildlife International Ltd. Project ID 241-101]	41189001	Copper Sulfate Task Force	OWN		
850.1010	Residue and Incidence Monitoring of Aquatic Sites Treated with Copper-Containing Pesticides [Orius Associates, Inc. Project No. 26887:File/Issue No. 35- COP/89024]	41189002	Copper Sulfate Task Force	OWN		
850.1950	Submission of Environmental Fate Data in Support for Reregistration of Pesticide Products Containing Copper Sulfate.	42033700	Copper Sulfate Task Force	OWN		
850.1950	Letter Response to Review of Response to Copper Incident Monitoring Study Data Evaluation Record [Orius Associates, Inc. Lab Project # 26687: File/Issue No. 35-COP/91078]	42033701	Copper Sulfate Task Force	OWN		
Group B	- Terrestrial Wildlife Test Guidelines					
850.2100	Avian Oral LD <sub>50</sub> (Mallard or Bobwhite)	00010620 00067456		OLD		
850.2200	Avian Dietary LC <sub>50</sub> (Mallard or Bobwhite)	00099587 00134362		OLD		
Group E - To:	xicity to Microrganisms Test Guidelines					
850.5400	Submission of Hazard to Aquatic Plants Data in Support of Registration Standard for Copper Compounds.	43363600	Copper Sulfate Task Force	OWN		
850.5400	Copper Sulfate Pentahydrate: Algal Growth Inhibition (Navioula pelliculosa) [Huntingdon Research Centre, Ltd. Lab Product # : CSF 7(D)/941118 CSF 7(D)].	43363601	Copper Sulfate Task Force	OWN		
ignature	Deggy M. Dallow ay		Name and Title Peggy M. Galloway, Regulatory	Agent	Date 01/10/2013	

Date 01/10/2013			EPA Reg. No./File Symbol 64744-E		Page 6 of 11
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
Group E - Toxicit	y to Microrganisms Test Guidelines (cont.)				
850.5400	Copper Sulfate Pentahydrate: Algal Growth Inhibition (Anabaena flos-aquae) [Huntingdon Research Centre, Ltd. Lab Product # : CSF 7(C)/941123: CSF 7(C)].	43363602	Copper Sulfate Task Force	OWN	
850.5400	Copper Sulfate Pentahydrate: Algal Growth Inhibition (Selenastrum capricomutum) [Huntingdon Research Centre, Ltd. Lab Project #: CSF 7(B)/941112:CSF 7(B)].	43363603	Copper Sulfate Task Force	OWN	
850.5400	Copper Sulfate Pentahydrate: Higher Plant (Lemna) Growth Inhibition Test [Huntingdon Research Centre, Ltd. Lab Project #: CSF 7(A)/941127:CSF 7(A)].	43363604	Copper Sulfate Task Force	OWN	
850.5400	Copper Sulfate Pentahydrate: Algal Growth Inhibition (Skeletonema costatum) [Huntingdon Research Centre, Ltd. Lab Project #: CSF 7(E)/941129:CSF 7(E)].	43363605	Copper Sulfate Task Force	OWN	
Series 860	- Residue Chemistry Test Guidelines				
860.1300	Nature of Residue: Plants				Refer to comment # 1 below
860.1340	Residue Analytical Method				Refer to comment # 1 below
860 1360	Mag. Of Res Crop Field Trials				Refer to comment # 1 below
860.1400	Mag. Of Res Potable Water				Refer to comment # 2 below
860.1400	Mag. Of Res Fish				Refer to comment # 1 below
860.1550	Proposed Tolerance				Refer to comment # 1 below
Signature	Lean m. Dollow any		Name and Title Peggy M. Galloway, Regulatory	Agent	Date 01/10/2013

Date 01/10/2013			EPA Reg. No./File Symbol	64744-E	Page 7 of 11	
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu				
ngredient Copper Hydroxide						
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note	
Group	A - Acute Toxicity Test Guidelines					
870.1100	Acute Oral Toxicity	41421602 42235201		OLD		
870.1200	Acute Dermal Toxicity	00159371 00152505 42235202		OLD		
870.1300	Acute Inhalation Toxicity	00160580 42481201		OLD		
Group B - Specific Organ/ Tissue	Toxicity Test Guidelines					
870.2400	Primary Eye Irritation	40237402 40077002		OLD		
870.2500	Primary Dermal Irritation	N/A	N/A	N/A	Refer to Waiver # 1 below	
870.2600	Dermal Sensitization	N/A	N/A	N/A	Refer to Waiver # 2 below	
Group C - Subchronic Toxicity Te	est Guidelines					
870.3100 870.3150	90-day Feeding Studies - Rodent and Nonrodent				No endpoint specified in Copper RED	
870.3700	Teratogenicity - 2 Species				No endpoint specified in Copper RED	
870.3800	Reproduction, 2-generation				No endpoint specified in Copper RED	
Group D - Chronic Toxicity Test (	Guidelines				No endpoint specified in Copper RED	
870.4100	Chronic Feeding - 2 spp. Rodent and nonrodent				No endpoint specified in Copper RED	
870.4200	Oncopenicity Study - 2 spp. Rat and Mouse				No endpoint specified in Copper RED	
ignature	c and Page yersions available. Submit only Paper version.		Name and Title Peggy M. Galloway, Regulat		Date 01/10/2013	

	DATA	MATRIX				
Date 01/10/2013			EPA Reg. No./File Symbol 64744-E		Page 8 of 11	
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu				
Ingredient Copper Hydroxide						
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note	
Group I	E - Genetic Toxicity Test Guidelines					
870.5100	Gene Mutation				No endpoint specified in Copper RED	
870.5300 870.5375	Structural Chromosome Aberration				No endpoint specified in Copper RED	
870.5385 870.5395	Other Genotoxic Effects				No endpoint specified in Copper RED	
Group F - Neurotoxicity Test Gu	idelines					
870.6100	Acute Delayed Neurotoxicity -Hen				No endpoint specified in Copper RED	
Group G - Special Studies Test	Guidelines					
870.7485	General Metabolism				No endpoint specified in Copper RED	
Group B - Postapplication Expo	sure Monitoring Test Guidelines					
875.2000 875.2400	Monitoring Exposure of Workers During Reentry into Orange Groves and Determination of Dislodeable Residues of Copper after Application of Tennessee Brend® Tri-Basic® Copper Sulfate Fungicide to Oranges in California [Landis International, Inc. Study No. 1260 A003]	44456901	Copper Sulfale Task Force	OWN		
Signature	Deggy M. Dallow or		Name and Title Peggy M. Galloway, Regulatory	Agent	Date 01/10/2013	

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

	DATA	MATRIX			
Date 01/10/2013			EPA Reg. No./File Symbol 647	44-E	Page 9 of 11
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
Ingredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
40 CFR §158.2	90 Environmental Fate Data Requirements				
161-1	Degradation Studies - Hydrolysis				Refer to comment # 3 below
161-2	Degradation Studies - Photodegradation: In Water				Refer to comment # 3 belo
162-1 and 162-2	Submission of Environmental Fate Data in Support of the Copper Sulfate Registration Standard.	40879600	Copper Sulfate Task Force	OWN	
162-3, 162-4 and 163-1	Literature Review to Characterize the Adsorption Potential of Copper in the Environment [HydroQual, Inc. Project No. CSTF-0010]	40879601	Copper Sulfate Task Force	own	
164-1	Analytical Report for Terrestrial Outdoor Field Dissipation Studies with Copper-Containing Pesticides [Biospherics, Inc. Study No. 88-003-002]	41003801	Copper Sulfate Task Force	OWN	
164-1	Method Validation Report for Terrestrial Outdoor Field Dissipation Study with Copper-Containing Pesticides [Biospherics, Inc. Study No. 88-003]	41003802	Copper Sulfate Task Force	OWN	
Signature	and Personal available Submitt only Paper version.		Name and Title Peggy M. Galloway, Regulatory A	agent	Date 01/10/2013

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

Date 01/10/2013			EPA Reg. No./File Symbol 64744-E		Page 10 of 11	
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu				
ngredient Copper Hydroxide						
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note	
40 CFR §158.290 E	invironmental Fate Data Requirements (cont.)					
164-1	Terrestrial Outdoor Field Dissipation Study with Copper- Containing Pesticides: Interim Study Report [Orius Associates, Inc. Project No. 24086;File/Issue No. 35- COP/89006]	41003803	Copper Sulfate Task Force	OWN		
164-1	Submission of Environmental Fate Data in Support for Reregistration of Pesticide Products Containing Copper Sulfate	41116800	Copper Sulfate Task Force	OWN		
164-1	Metallic Copper Environmental Fate on Citrus in Florida [Biospherics, Inc. Protocol No. 1641-88-121-01-01A-01]	41116801	Copper Sulfate Task Force	OWN		
164-1 and 164-2	Submission of Data to Support Registration of Copper Sulfate: Environmental Fate Studies.	41003800	Copper Sulfate Task Force	OWN		
164-1 and 164-2	Summary of Results and Conclusions for Aquatic and Terrestrial Field Dissipation Studies with the Residue and Incidence Monitoring Survey [Orius Associates, Inc. Project No. 24086: File/Issue No. 35-CO/89020].	41003805	Copper Sulfate Task Force	OWN		
164-2	Submission of Data to Support Registration of Copper Sulfate and Group If Copper Compounds: Residue Chemistry Study.	40968200	Copper Sulfate Task Force	OWN		
164-2	Method Validation Report for Aquatic Outdoor Field Dissipation Study with Copper-Containing Pesticides [Biospherics, Inc. Study No. 88-003]	40968201	Copper Sulfate Task Force	OWN		
164-2	Analytical Report for Aquatic Outdoor Field Dissipation Studies with Copper-Containing Pesticides [Biospherics, Inc. Study No. 88-003-02]	41003804	Copper Sulfate Task Force	OWN		
Signature	m M 2000		Name and Title Peggy M. Galloway, Regulatory A	gent	Date 01/10/2013	

	DATA	A MATRIX	
Date 01/10/2013		EPA Reg. No./File Symbol 64744-E	Page 11 of 11
Applicant/Registrant Na	me & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY	Product FUNGURAN TEC 62% Cu	1
Ingredient Copper F	lydroxide		
	required per CFR 40 Part 180.1021 (a) and EPA document titled: "Guidance 36, CAS #1344-73-6".	for the Reregistration of Pesticide Products Containing as the Active	Ingredient Copper Sulfate, Cas
COMMENT #2: 1 pp	om in potable water as per CFR 40 Part 180.536		
COMMENT #3: Not	required per EPA document titled: "Reregistration Eligibility Decision (RED) f	for Coppers," Case Nos. 0636, 0649, 4025, 4026, Revised May 2009	).
	product is a known skin irritant. The Level I/Toxicity Category I user precau	ntions appear on the label.	
WAIVER #1: This	product is a known skin irritant. The Level I/Toxicity Category I user precau- "Guidance for the Reregistration of Pesticide Products Containing Group II Containing G		er is a known skin sensitizer and

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information management Division (2137), U. S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

	DAT	A MATRIX			1
Date 05/23/2012		EPA Reg. No./File Symbol 64744 -		Page 1 of 11	
Applicant/Registrant Name & Address	SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu		
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
Group A - Product Identi	ity, Composition and Analysis Test Guidelines	(		- 7	/
830.1550	Product Identity and Composition		SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume
830.1600	Description of Materials Used to Produce the Product		SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume
830.1620	Description of Production Process		SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume
830.1670	Description of Formation of Impurities		SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume
830.1700	Preliminary Analysis		SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume
830.1750	Certified Limits		SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume
830.1800	Enforcement Analytical Method		SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume
Signature	Han m Holden	1	Name and Title Peggy M. Galloway, Regulatory Agent	7	Date 05/23/2012

Marie

	DATA	MATRIX		-	
Date 05/23/2012			EPA Reg. No./File Symbol 64744 -		Page 2 of 11
Applicant/Registrant Name & Addre	SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu		
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
Group B - Physical/Chemical Pro	perties Test Guidelines				
830.6302	Color	43363805	Copper Sulfate Task Force	OWN	
830.6303	Physical State	43363805	Copper Sulfate Task Force	OWN	
830.6304	Odor	43363805	Copper Sulfate Task Force	OWN	
830.6313	Stability to Sunlight, Normal and Elevated Temperatures, Metals and Metal Ions	47644901	Phibro Tech, Inc.	PER	
830.6314	Oxidizing or Reducing Action	47524201	Phibro Tech, Inc.	PER	
830.6315	Flammability	N/A	N/A	N/A	This study is required on the EUP this produ is a TGAI.
830.6316	Explodability	N/A	N/A	N/A	This study is required on the EUP this produ is a TGAI.
830.6317	Storage Stability	47726401	Phibro Tech, Inc.	PER	
830.6319	Miscibility	N/A	N/A	N/A	This study is required on the EUP this produis a TGAI.
Signature	Electronic and Paper versions available. Submit only Paper versi	) ~ (	Name and Title Peggy M. Galloway, Regulatory Agent Agency Internal Use		Date 05/23/2012

					1
Date 05/23/2012  Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		EPA Reg. No./File Symbol 64744 -		Page 3 of 11	
		Product FUNGURAN TEC 62% Cu			
Ingredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
Group B - Physical/Cl	hemical Properties Test Guidelines (Continued)				
830.6320	Corrosion Characteristics	47726401 🗸	Phibro Tech, Inc.	PER	
830.6321	Dielectric Breakdown Voltage	N/A	N/A	N/A	This study is required on the EUP this product is a TGAL.
830.7000	pH of Water Solutions or Suspensions	43363805	Copper Sulfate Task Force	OWN	
830.7050	UV/Visible Absorption	47465001	Cond Phibro Tech, Inc.	PER	
830.7100	Viscosity	N/A	N/A	N/A	This study is required on the EUP this product is a TGAI.
830.7200	Melting Point/Melting Range	43363805	Copper Sulfate Task Force	OWN	
Signature	ctronic and Paper versions Available. Subnet only Pape	P	Name and Title Peggy M. Galloway, Regulatory Agent		Date 05/23/2012

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

	DAT	A MATRIX			
Date 05/23/2012			EPA Reg. No./File Symbol 64744 -		Page 4 of 11
Applicant/Registrant Name & Addr	ess SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% C	Cu	
Ingredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
Group B - Physical/C	hemical Properties Test Guidelines (Continued)				
830.7220	Boiling Point/Boiling Range	N/A	N/A	N/A	This study is required on liquids this product is a solid
830.7300	Density/Relative Density	43363805	Copper Sulfate Task Force	OWN	
830.7370	Dissociation Constant in Water	N/A	N/A	N/A	This study is no applicable to thi product.
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	N/A	N/A	N/A	This study is no applicable to thi product.
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography	N/A	N/A	N/A	This study is no applicable to the product.
830.7840	Water Solubility: Column Elution Method, Shake Flask Method	43363805	Copper Sulfate Task Force	OWN	
830.7860	Water Solubility: Generator Column Method	43363805	Copper Sulfate Task Force	OWN	
830.7950	Vapor Pressure	N/A	N/A	N/A	This study is no applicable to the product.
Signature	c and Paper versions available Submit only Paper version		Name and Title Peggy M. Galloway, Regulatory Agent		Date 05/23/2012

					D 5
Date 05/23/2012			EPA Reg. No./File Symbol 64	/44 -	Page 5 of 11
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
Group	A - Aquatic Fauna Test Guidelines				
850.1010	Submission of Environmental Fate Data in Support for Reregistration of Pesticide Products Containing Copper Sulfate.	41189000	Copper Sulfate Task Force	OWN	Biotic Ligand
850.1010	An Aquatic Sediment Dissipation Study of Copper Sulfate in the Hillborough Reservoir, Florida [Wildlife International Ltd. Project ID 241-101]	41189001	Copper Sulfate Task Force	OWN	
850.1010	Residue and Incidence Monitoring of Aquatic Sites Treated with Copper-Containing Pesticides [Orius Associates, Inc. Project No. 26887:File/Issue No. 35- COP/89024]	41189002	Copper Sulfate Task Force	OWN	(Whore
850.1950	Submission of Environmental Fate Data in Support for Reregistration of Pesticide Products Containing Copper Sulfate.	42033700	Copper Sulfate Task Force	OWN	
850.1950	Letter Response to Review of Response to Copper Incident Monitoring Study Data Evaluation Record [Orius Associates, Inc. Lab Project # 26687: File/Issue No. 35- COP/91078]	42033701	Copper Sulfate Task Force	OWN	₩ W
Group B	3 - Terrestrial Wildlife Test Guidelines				
850.2100	Avian Oral LD <sub>50</sub> (Mallard or Bobwhite)	T			Refer to comment #1 belo
850.2200	Avian Dietary LC <sub>50</sub> (Mallard or Bobwhite)				Refer to comment # 1 belo
Group E - To	oxicity to Microrganisms Test Guidelines	The same		-	/ / /
850.5400	Submission of Hazard to Aquatic Plants Data in Support of Registration Standard for Copper Compounds.	43363600	Copper Sulfate Task Force	OWN	) Avianda
850.5400	Copper Sulfate Pentahydrate: Algal Growth Inhibition (Mavicula pelliculosa) [Huntingdon Research Centre, Ltd. Lab Product # : CSF 7(D)/941118: CSF 7(D)].	43363601	Copper Sulfate Task Force	own /	Honey 17
Signature	Lean M. X Oly)		Name and Title Peggy M. Galloway, Regulatory	Agent	Date 05/23/2012

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

	DATA	MATRIX			
		EPA Reg. No./File Symbol 64744 -		Page 6 of 11	
		Product FUNGURAN TEC 62% Cu			
ngredient Copper Hydroxid	e				
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
Group E - Tox	icity to Microrganisms Test Guidelines (cont.)				
850.5400	Copper Sulfate Pentahydrate: Algal Growth Inhibition (Anabaena flos-aquae) [Huntingdon Research Centre, Ltd. Lab Product #: CSF 7(C)/941123; CSF 7(C)].	43363602 🗸	Copper Sulfate Task Force	OWN	
850.5400	Copper Sulfate Pentahydrate: Algal Growth Inhibition (Selenastrum capricornutum) [Huntingdon Research Centre, Ltd. Lab Project #: CSF 7(B)/941112:CSF 7(B)].	43363603 🗸	Copper Sulfate Task Force	OWN	
850.5400	Copper Sulfate Pentahydrate: Higher Plant (Lemna) Growth Inhibition Test [Huntingdon Research Centre, Ltd. Lab Project #: CSF 7(A)/941127:CSF 7(A)].	43363604	Copper Sulfate Task Force	OWN	
850,5400	Copper Sulfate Pentahydrate: Algal Growth Inhibition (Skeletonema costatum) [Huntingdon Research Centre, Ltd. Lab Project #: CSF 7(E)/941129:CSF 7(E)].	43363605 ~	Copper Sulfate Task Force	OWN	OK)
Series 8	860 - Residue Chemistry Test Guidelines				1//
860.1300	Nature of Residue: Plants				Refer to comment # 1 below
860.1340	Residue Analytical Method				Refer to comment # 1 below
860.1360	Mag. Of Res Crop Field Trials				Refer to comment # 1 below
860.1400	Mag. Of Res Potable Water				Refer to comment # 2 below
860.1400	Mag. Of Res Fish				Refer to comment # 1 below
860,1550	Proposed Tolerance				Refer to comment # 1 below
Signature	Deany m & an		Name and Title Peggy M. Galloway, Regulatory		Date 05/23/2012

	D	ATA MATRIX			
Date 05/23/2012			EPA Reg. No./File Symbol	64744	Page 7 of 11
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	/ Note
Group	A - Acute Toxicity Test Guidelines				
870.1100	Acute Oral Toxicity	42235201	Griffin, L.L.C.	OLD	
870.1200	Acute Dermal Toxicity	42235202	Griffin, L.L.C.	OLD	
870.1300	Acute Inhalation Toxicity	42481201	Griffin, L.L.C.	OLD	
Group B - Specific Organ/ Tissue	e Toxicity Test Guidelines				
870.2400	Primary Eye Irritation	40237402 40077002	Griffin, L.L.C.	OLD	
870.2500	Primary Dermal Irritation	N/A	N/A	N/A	Refer to Waiver # 1 below
870.2600	Dermal Sensitization	N/A	N/A	N/A	Refer to Waiver # 2 below
Group C - Subchronic Toxicity T	est Guidelines				
870.3100 870.3150	90-day Feeding Studies - Rodent and Nonrodent	Patr	No endpoint specific	ed in Copper F	Refer to comment # 3 below
870.3700	Teratogenicity - 2 Species Develop mental	ohit	+		Refer to comment # 1 below
870.3800	Reproduction, 2-generation				Refer to comment # 1 below
Group D - Chronic Toxicity Test	Guidelines				
870.4100	Chronic Feeding - 2 spp. Rodent and nonrodent				Refer to comment # 1 below
870.4200	Oncogenicity Study - 2 spp. Rat and Mouse				Refer to comment # 1 below
Signature	You by A 12		Name and Title Peggy M. Galloway, Regula	tory Agent	Date 05/23/2012

Form Approved O

lo. 2070-0060

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

	DATA	MATRIX				
Date 05/23/2012			EPA Reg. No./File Symbol 64744 -		Page 8 of 11	
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu				
ngredient Copper Hydroxide						
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note	
Group E	- Genetic Toxicity Test Guidelines					
870.5100	Gene Mutation				Refer to comment # 1 below	
870.5300 870.5375	Structural Chromosome Aberration				Refer to comment # 1 below	
870.5385 870.5395	Other Genotoxic Effects				Refer to comment # 1 below	
Group F - Neurotoxicity Test Gui	delines					
870.6100	Acute Delayed Neurotoxicity -Hen		/		Refer to comment # 3 below	
Group G - Special Studies Test (	Guidelines		V			
870.7485	General Metabolism				Refer to comment # 1 below	
Group B - Postapplication Expos	sure Monitoring Test Guidelines					
875.2000 875.2400	Monitoring Exposure of Workers During Reentry into Orange Groves and Determination of Dislodeable Residues of Copper after Application of Tennessee Brand® Tri-Basic® Copper Sulfate Fungicide to Oranges in California Landis International, Inc. Study No. 12601A003]	44466901	Copper Sulfate Task Force	OWN		
Signature	Lean M. Dallow any		Name and Title Peggy M. Galloway, Regulatory	Agent	Date 05/23/2012	

	DATA	MATRIX			
Date 05/23/2012			EPA Reg. No./File Symbol 647	44	Page 9 of 11
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
Ingredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
40 CFR §158.29	0 Environmental Fate Data Requirements				
161-1	Degradation Studies - Hydrolysis				Refer to comment # 3 below
161-2	Degradation Studies - Photodegradation: In Water		V		Refer to comment # 3 below
162-1 and 162-2	Submission of Environmental Fate Data in Support of the Copper Sulfate Registration Standard.	40879600	Copper Sulfate Task Force	OWN	
162-3, 162-4 and 163-1	Literature Review to Characterize the Adsorption Potential of Copper in the Environment [HydroQual, Inc. Project No. CSTF-0010]	40879601	Copper Sulfate Task Force	OWN	
164-1	Analytical Report for Terrestrial Outdoor Field Dissipation Studies with Copper-Containing Pesticides [Biospherics, Inc. Study No. 88-003-002]	41003801	Copper Sulfate Task Force	OWN	
164-1	Method Validation Report for Terrestrial Outdoor Field Dissipation Study with Copper-Containing Pesticides [Biospheries, Inc. Study No. 88-003]	41003802	Copper Sulfate Task Force	OWN	
Signature	and Paper versions available. Submit only Paper version.	/	Name and Title Peggy M. Galloway, Regulatory A	Agent	Date 05/23/2012

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

	DATA	MATRIX				
Date 05/23/2012			EPA Reg. No./File Symbol 64744 -		Page 10 of 11	
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu				
ngredient Copper Hydroxide						
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note	
40 CFR §158.290 E	nvironmental Fate Data Requirements (cont.)					
164-1	Terrestrial Outdoor Field Dissipation Study with Copper- Containing Pesticides: Interim Study Report [Orius Associates, Inc. Project No. 24086:File/Issue No. 35- COP/89006]	41003803	Copper Sulfate Task Force	OWN		
164-1	Submission of Environmental Fate Data in Support for Reregistration of Pesticide Products Containing Copper Sulfate	41116800	Copper Sulfate Task Force	OWN		
164-1	Metallic Copper Environmental Fate on Citrus in Florida [Biospherics, Inc. Protocol No. 1641-88-121-01-01A-01]	41116801	Copper Sulfate Task Force	OWN		
164-1 and 164-2	Submission of Data to Support Registration of Copper Sulfate: Environmental Fate Studies.	41003800	Copper Sulfate Task Force	OWN		
164-1 and 164-2	Summary of Results and Conclusions for Aquatic and Terrestrial Field Dissipation Studies with the Residue and Incidence Monitoring Survey [Orius Associates, Inc. Project No. 24086: File/Issue No. 35-CO/89020].	41003805	Copper Sulfate Task Force	OWN		
164-2	Submission of Data to Support Registration of Copper Sulfate and Group II Copper Compounds: Residue Chemistry Study.	40968200	Copper Sulfate Task Force	OWN		
164-2	Method Validation Report for Aquatic Outdoor Field Dissipation Study with Copper-Containing Pesticides [Biospherics, Inc. Study No. 88-003]	40968201	Copper Sulfate Task Force	OWN		
164-2	Analytical Report for Aquatic Outdoor Field Dissipation Studies with Copper-Containing Pesticides [Biospherics, Inc. Study Np. 88-003-02]	41003804	Copper Sulfate Task Force	OWN		
Signature	W m A and		Name and Title Peggy M. Galloway, Regulatory A	Agent	Date 05/23/2012	

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

		DATA	MATRIX	
Date 05/23/201	2		EPA Reg. No./File Symbol 64744 -	Page 11 of 11
Applicant/Registr	ant Name & Address	SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY	Product FUNGURAN TEC 62% C	Cu
Ingredient C	opper Hydroxide			
COMMENT #1:	#0636, CAS #1344-7		or the Reregistration of Pesticide Products Containing as the Acti	ve Ingredient Copper Sulfate, Case
COMMENT #3;		R 40 Part 180.1021 (a) and EPA document titled; "Guidance for	or the Reregistration of Pesticide Products Containing as the Acti	ve Ingredient Copper Sulfate, Case
WAIVER #1:	This product is a known	own skin irritant. The Level I/Toxicity Category I user precauti	ons appear on the label.	
VVMIVER #1.	Per "Guidance for th	e Reregistration of Pesticide Products Containing Group II Co	pper Compounds as the Active Ingredient", (EPA April 1987), co	oper is a known skin sensitizer and
WAIVER #2:	data are not required			

	DA	TA MATRIX			
Date 05/23/2012			EPA Reg. No./File Symbol 64744 -		Page 1 of 11
Applicant/Registrant Name & Addres	SS SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu		
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
			SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume 2
	*** V		SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume 2
			SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume 2
gy at Albaham May		-5-	SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume 2
			SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume 3
			SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume 2
			SPIESS-URANIA CHEMICALS GMBH	OWN	See Volume 2
Signature	ggy M. Dallow ay		Name and Title Peggy M. Galloway, Regulatory Agent		Date 05/23/2012

		DATA MATRIX			1
Date 05/23/2012			EPA Reg. No./File Symbol 64744 -		Page 2 of 11
Applicant/Registrant Name & Addre	SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% C	Cu	
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
Group B - Physical/Chemical Pro	perties Test Guidelines				
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Phibro Tech, Inc.	PER	
			Phibro Tech, Inc.	PER	
			N/A	N/A	This study is required on the EUP this produ is a TGAI.
			N/A	N/A	This study is required on the EUP this produis a TGAI.
			Phibro Tech, Inc.	PER	
			N/A	N/A	This study is required on the EUP this produ is a TGAI.
Signature	Leggy M. Dallow ay		Name and Title Peggy M. Galloway, Regulatory Agent		Date 05/23/2012

Date

05/23/2012

Public Use Copy

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information management Division (2137), U. S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

### DATA MATRIX Date 05/23/2012 EPA Reg. No./File Symbol 64744 -Page 3 of 11 Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH Product ALSTER TERRALSSE 2, D-2000 FUNGURAN TEC 62% Cu HAMBURG 36 GERMANY Ingredient Copper Hydroxide Submitter Status Note PER Phibro Tech, Inc. This study is required on the N/A N/A EUP this product is a TGAL OWN Copper Sulfate Task Force Phibro Tech, Inc. PER This study is required on the N/A N/A **EUP** this product is a TGAL Copper Sulfate Task Force OWN EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Name and Title

Peggy M. Galloway, Regulatory Agent

Signature

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information management Division (2137), U. S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

#### DATA MATRIX EPA Reg. No./File Symbol 64744 -Page 4 of 11 Date 05/23/2012 Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH Product ALSTER TERRALSSE 2, D-2000 FUNGURAN TEC 62% Cu HAMBURG 36 GERMANY Ingredient Copper Hydroxide MRID# Status Note Submitter Guideline Reference # Guideline Study Name This study is required on N/A N/A liquids this product is a solid. OWN Copper Sulfate Task Force This study is not applicable to this N/A N/A product. This study is not N/A N/A applicable to this product. This study is not N/A applicable to this N/A product. Copper Sulfate Task Force OWN OWN Copper Sulfate Task Force This study is not N/A applicable to this N/A product. Signature Name and Title Date 05/23/2012 Peggy M. Galloway, Regulatory Agent EPA Form 8570-35 (9-97) Electronic and paper versions available. Submitton Pager version. Public Use Copy

Form Approved OM. .J. 2070-0060

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

Date 05/23/2012			EPA Reg. No./File Symbol 64744		Page 5 of 11
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
					Refer to comment # 1 below
					Refer to comment # 1 below
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
Signature \( \square	eggy m. Seloway		Name and Title Peggy M. Galloway, Regulatory	Agent	Date 05/23/2012

		DATA MATRIX			
Date 05/23/2012			EPA Reg. No./File Symbol 64744 -		Page 6 of 11
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
Group E - Toxic	city to Microrganisms Test Guidelines (cont.)				
			Copper Sulfate Task Force	OWN	1
		West .	Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
					Refer to comment # 1 below
					Refer to comment # 1 below
				-	Refer to comment # 1 below
				-	Refer to comment # 2 below
					Refer to comment # 1 below  Refer to comment # 1 below
Signature	Peggy M. Dallow ay	/	Name and Title Peggy M. Galloway, Regulatory	Agent	Date 05/23/2012

		DATA MATRIX			
Date 05/23/2012			EPA Reg. No./File Symbol	64744	Page 7 of 11
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID #	Submitter	Status	Note
			Griffin, L.L.C.	OLD	
			Griffin, L.L.C.	OLD	
			Griffin, L.L.C.	OLD	
			Griffin, L.L.C.	OLD	
			N/A	N/A	Refer to Waiver # 1 below
			N/A	N/A	Refer to Waiver # 2 below
					Refer to comment # 3 below
					Refer to comment # 1 below
					Refer to comment # 1 below
					Refer to comment # 1 below
- Andrews					Refer to comment # 1 below
Signature L	ggy M. Dullow ay		Name and Title Peggy M. Galloway, Regulat	ory Agent	Date 05/23/2012 Public Use 0

Form Approved O

lo. 2070-0060

# UNITED STATES ENVIRONM ... TAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information management Division (2137), U. S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

		DATA MATRIX			
Date 05/23/2012			EPA Reg. No./File Symbol 64	744	Page 8 of 11
Applicant/Registrant Name & Address	SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURA	N TEC 62% Cu	
Ingredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
					Refer to comment # 1 below
					Refer to comment # 1 below
					Refer to comment # 1 below
					Refer to comment # 3 below
					Refer to comment # 1 below
			Copper Sulfate Task Force	OWN	
Signature	eggy M. Dallow ay		Name and Title Peggy M. Galloway, Regulatory	Agent	Date 05/23/2012

EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Public Use Copy

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information management Division (2137), U. S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

		DATA MATRIX			
Date 05/23/2012			EPA Reg. No./File Symbol 647	14	Page 9 of 11
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Cu			
Ingredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
					Refer to comment # 3 below
					Refer to comment # 3 below
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
Signature Lg	my M. Dallow ay		Name and Title Peggy M. Galloway, Regulatory	Agent	Date 05/23/2012

EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Public Use Copy

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M STREET, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX			
Date 05/23/2012			EPA Reg. No./File Symbol 6474	14	Page 10 of 11
Applicant/Registrant Name & Addre	SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN	TEC 62% Cu	
ngredient Copper Hydroxide					
Guideline Reference #	Guideline Study Name	MRID#	Submitter	Status	Note
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
			Copper Sulfate Task Force	OWN	
Signature	eggy M. Dellow of and Reper versions available. Submit only Pager versions		Name and Title Peggy M. Galloway, Regulatory A	Agent	Date 05/23/2012

		DATA MATRIX			
Date 05/23/2013	2	EPA Reg. No./File Symbol 64744 -	Page 11 of 11		
Applicant/Registrant Name & Address SPIESS-URANIA CHEMICALS GMBH ALSTER TERRALSSE 2, D-2000 HAMBURG 36 GERMANY		Product FUNGURAN TEC 62% Co	Product FUNGURAN TEC 62% Cu		
Ingredient Co	opper Hydroxide				
COMMENT #1:	Not required per CFR 40 Part 180.1021 (a) and EPA document titled: "Guida #0636, CAS #1344-73-6".	ance for the Reregistration of Pesticide Products Containing as the Active	e Ingredient Copper Sulfate, Case		
COMMENT #2:	1 ppm in potable water as per CFR 40 Part 180.536				
COMMENT #3:	Not required per CFR 40 Part 180.1021 (a) and EPA document titled: "Guida #0636, CAS #1344-73-6".	ance for the Reregistration of Pesticide Products Containing as the Active	e Ingredient Copper Sulfate, Case		
COMMENT #3: WAIVER #1:			e Ingredient Copper Sulfate, Cas		
	#0636, CAS #1344-73-6".	ecautions appear on the label.			